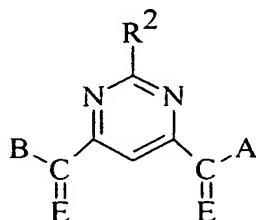


ABSTRACT

Selective MMP-13 inhibitors are pyrimidine derivatives of the formula



or a pharmaceutically acceptable salt thereof,

wherein:

$R^2$  is hydrogen, halo, hydroxy,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $C_2$ - $C_6$  alkenyl,

$C_2$ - $C_6$  alkynyl,  $NO_2$ ,  $NR^4R^5$ ,  $CN$ , or  $CF_3$ ;

E is independently O or S;

A and B independently are  $OR^4$  or  $NR^4R^5$ ;

$R^4$  and  $R^5$  independently are H,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,

$(CH_2)_n$  aryl,  $(CH_2)_n$  cycloalkyl,  $(CH_2)_n$  heteroaryl, or  $R^4$  and  $R^5$  when

taken together with the nitrogen to which they are attached complete a

3- to 8-membered ring containing carbon atoms and optionally containing

a heteroatom selected from O, S, or NH, and optionally substituted or

unsubstituted;

n is an integer of from 0 to 6.